wind power projects. The State Government has issued guidelines for establishment of wind farms in private land to encourage private investment in the sector and is conducting micro surveys in potential areas to identify sites suitable for establishment of wind farms.

Tapping of non-conventional energy potential

2970. SHRI BALAVANT *ALIAS* BAL APTE:
SHRI SHREEGOPAL WAS:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government have taken any steps to provide equal opportunities for tapping non-conventional energy potential in all the States;

(b) if so, the details thereof; and

(c) the details of the progress made, so far, in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) To provide equal opportunities for tapping new and renewable energy in the country, financial and fiscal incentives are being provided that include capital/ interest subsidy, accelerated depreciation, concessional duties and relief from income tax on profit earned from sale of power, which are applicable in all States/UTs. These apart, the Electricity Act 2003, National Electricity Policy, 2005 and National Tariff Policy, 2006 provide a common framework for the regulation of renewable power in all States/UTs. However, this Ministry's schemes relating to biogas plants, biomass gasifiers and small hydro power projects provide for a somewhat higher level of Centra! financial assistance for Special Category States. Further, subsidy on solar lanterns is available for unelectrified villages only in Special Category States.

(c) State-wise details of cumulative achievements throughout the country under various renewable energy programmes, as on 31.03.2007 are given in Statement.

Statement

State-wise cumulative achievements under various non-conventional energy programmes as on 31.03.2007. **A.**

Grid-Connected Renewable Power

SI. No.	State-UT	Small Hydro Power (MW)	Wind Power (MW)	Bio Power		Solar Power (MW)	Total Capacity (MW)
				Biomass Power (MW)	Waste to Energy (MW)		
1	Andhra Pradesh	178.85	122.40	301.25	28 50	0.10	631.10
2	Arunachal Pradesh	45.24				0.03	45.27
3	Assam	2.11					2.11
4	Bihar	50.40					50.40
5	Chhattisgarh	1805		113.30			131.35
6	Goa	0.05					0.05
7	Gujarat	7.00	635.60	0.50			644.10
8	Haryana	62.70		6.00			68.70
9	Himachal Pradesh	141.61					141.61
10	Jammu & Kashmir	111 83					11.83
11	Jharkhand	405					4.05
12	Karnatak	416.50	821.10	254.28	1.00		1492.88
13	Kerala	98 12	2.00			0.03	100.15
14	Madhya Prad&sh	51.16	57.30	1.00	2.70	0.10	112.26
15	Maharashtra	209.33	1487.70	76.00	1.00		1774.03
16	Manipur	5.45					5.45
17	Meghalaya	30.71					30.71
18	Mizoram	17.47					0.00
19	Nagaland	20.67					20.67

SI. State-UT (MW)	Small Hydro Power No.	Wind Power ■	Bio Power Biomass Waste to Power Energy (MW) (MW)		Solar Power	Total Capacity
20 Orissa	7.30					7.30
21 Punjab	123.90	469 80	28.00	1 00	033	153.23
22 Rajasthan	23.85		23.00		0.15	517.10
23 Sikkim	39.11					39.11
24 Tamil Nadu	89.70	349279	215.50	4.25	0.05	3802.29
25 Tripura	16.01					16.01
26 Uttar Pradesh	25.10		121.50	, 5.00	0.38	151.98
27 Uttaranchal	75.67				0.05	75.72
28 West Bengal	98.40	1 10			0.05	99.55
29 Andaman & Nicobar	5.25				0.10	5.35
30 Chandigarh						
31 Dadra & Nagar Haveli						
32 Daman & Diu						
33 Delhi						
34 Lakshadweep					0.76	0.76
.35 Pondicherry					0.03	0.03
Others	17.48	3.20			0.79	21.47
TOTAL (MW)	1975.60	7093.99	1140.63	43.45	2.93	10256.60

MW-megawatt

B. Off-grid/Decentralized Renewable Energy Systems/Devices:

a States/UT No Village	1	Biogas Plants	Biomass Gasifiers	Waste to Energy Plants	as	Solar Photovoltaic Systems SPV HLS	SU	PPPumps	Water Pumping	Aerogern/ systems		Solar Hybrid Electrification Villages/ Hamlets	Remote Cookers
		(Nos.)	(MW)	(MW)	No.	No	No	kWp	(Nos)	(Nos)	(kW)	(Nos)	(Nos.)
1 Andhra Pradesh		400857	15.88	4 70	3733	1530	35152	2166	613	6	16.00	12867	
2 Arunachal Pradesh		2210	1.98		788	1770	9937	790	1			530	112
3 Assam		58667	0.12		98	2787	541	7.54	45	3	6.00	80	39
4 Bihar		124935	0 02		690	1069	33765		139	46		475	
5 Chhattisgarh		18645	0.51		1409	.	3192		61			37136	325
6 Goa		3707	002		178	202	443	1.72	15		39.00	1.00	
7 Gujarat		378846	15.21	295	2004	5918	31603	29 90	85	715	10.00	114595	2
8 Haryana		49190	1.40		2341	15266	32727	24 20	469			24366	45
9 Himachal Pradesh		44866	0.01		27294	13948	20697	1.50	6			28264	1
10 Jammu & Kashmir		2122	0.52		389	15317	9202	75.60	39			368	117
11 Jharkhand		2033	0.18		620	4035	16374					280	4
12 Karnataka		293236	6.42		1279	1091	7334	29.41	456	25	10.00	254	
13 Kerala		108313	0.73		1090	18679	4T181	44.70	810	79	8.00	236	558
14 Madhya Pradesh		247566	6.50		6054	1307	8564	22 40	87			141618	30
15 Maharashtra		719064	597	1 76	3491	825	8683	644	228	26	457 62	58044	110
16 Manipur		2128			370	1650	3683	11.00	12			365	149
17 Meghalaya		4226	0.25		593	3040	10875	42.00	19			1165	25
18 Mizoram		3470	0.20		315	3045	5812	109.00	37			110	20
19 Nagaland		2617	078		271	143	95	600					
20 Orissa		224373	027	0.03	5819	4485	9882	36.52	8			3437	18

SI. States/UT Gasifiers Energy Village Rants	Biogas Rants	Biomasswaste to	No	Solar Photovoltaic Systems SLS	HLS	SL	PPP	SPV umps	Water Asrogern/ Pumping	systems	Solar Hybiid	Remote Cookers Bectrificati on Villages/ Hamlets
	(Nos.)	(MW)	(MW)	No.	No.	No.	kWp	(Nos)	(Nos)	(kW)	(Nos)	(Nos.)
21 Punjab	80856	0.70	1.58	3037	4620	14995	71.00	1821	222	4.00	22050	129
22 Rajasthan	66941	1.07		6632	50551	4716	2.580	283			36683	
23 Sikkim	5574	0.00		162	2016	720	14.70			10.00	20	13
24 Tamil Nadu	210616	6.46	2.98	2672	471	16818	30.05	829	56	25.00	1537	
25 Tripura	2442	1 10		760	2800	20305	24.57	25			80	236
26 Uttar Pradesh	407966	5.35	5.73	950	50938	52815	129.20	75.1			51664	
27 Uttaranchal	6603			800	43331	47027	80.03	26			8047	430
28 West Bengal	263587	13.55		2111	36890	3662	675.00	48		18.00	7959	1173
29 Andaman & Nicobar	137	0.17		358	405	6296	167.00	5	2		60	
30 Chandigarh	97				275	1675		12			1529	
31 Dadra & Nagar Haveli	169										80	
32 Damand & Diu												
33 Delhi	677	0.07		301		4753	30.00	89			27990	
34 Lakshwadeep 36	573	0.60		62	13	85.00		21		5.00	90	
Pondicherry						1637						
Others		0.32		9150	8584	99797	58.00	28			16750	
TOTAL (MW)	3837379	86 35 '	19.73	61321	313859	565658	1867.80	7068	1180	608.62	600229	3651

SLS=Street Lighting System; HLS-Home Lighting System;SL=Solar Lanterns; SPV=Solar Photovoltaic; MW=Mega Watt; KWp=kilowatt peak;